



Kapish Dutta

Master's student | Renewable Energy Engineering and Management specializing in Environmental Planning and Management and have gained stronghold on the Life Cycle and sustainability assessment tools. Would like to become more mindful of handling the complexities of manufacturing and consuming products and how they affect the environment, using life cycle thinking. Want to be part of projects with focus on sustainability, circular economy, and resource efficiency.

Date of Birth:

24.May.1994

Marital Status:

Single

Sex:

Male

Address:

Charlottenburger St. 18,
Freiburg, Germany (79114)

Phone:

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Citizenship (s):

Indian

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LinkedIn:

[linkedin.com/in/dutta-kapish/](https://www.linkedin.com/in/dutta-kapish/)

Languages

English – Business Fluent

German – Basic skills

Hindi – Native

Education

2018-Present

Cumulative GPA: 2.2 (Till 3rd Semester)

M.Sc. Renewable Energy Engineering and Management (In view)

University of Freiburg, Germany

05/2020 - Present

Master Thesis Project,

Department of Industrial Ecology, University of Freiburg

“Impacts of a CO2 tax and changes in Labour taxation on the German (automotive) manufacturing industry.”

- Methods: material flow cost accounting (MFCA), life cycle costing (LCC), and life cycle assessment (LCA) of manufacturing supply chains.

2012-2016

Cumulative GPA: 1.7

Bachelor of Engineering - Mechanical

Chandigarh University, Mohali, India

Skill Highlights

Analytical and Problem Solving

- Knowledge and experience of using analytical and problem-solving methods in number of settings through course modules, assignments, projects, professional work.
- Conducted quantitative and qualitative analysis for research purposes.

Written and Verbal Communication

- Strong interpersonal skills gained in a range of work settings including liaising with suppliers, customers, managers and staff in an organization.

Effective Team Working

IT

- Life Cycle Assessment software: **OpenLCA**
- Geographic information system application: **QGIS and SoundPLAN**
- CAD tools: **AutoCAD (2D), SolidWorks (3D)**
- Simulation tools: **ANSYS**

Professional Hobby interests

- Systems thinking
- Carbon Capture and Storage
- Circular Economy, Doughnut Economics
- De-growth and Sufficiency
- Blockchain Technology and Energy Internet
- Servant Leadership

Referee (s)

- **Prof. Dr. Stefan Pauliuk**,
stefan.pauliuk@indecop.uni-freiburg.de, +49-761-203-98726
Assistant Professor for sustainable energy and material flow management (industrial ecology), group leader, University of Freiburg.
- **Dipl. -Biol. Stefan Adler**,
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Program Manager, Centre for Renewable Energy, University of Freiburg.
- **Amanparteek Singh**,
amanparteeksingh.cu@gmail.com, +91-991-480-7647
Assistant professor, University Institute of Mechanical Engineering, Chandigarh University, India.

Work Experience

06/2016 to 08/2018

Senior Engineer (Technical Sales)

BS&B Safety Systems (India) Limited, New Delhi, India

- Technical product presentation, recommendation and selection of customized product type for the required application, through acquires skills in application engineering and relevant Software.
- Developing relations with key decision makers in Public sector undertakings and private enterprises for business development.
- Devising business development strategies to build OEM and End user preference and augment sales evolution in assigned markets/ customer segments. Driving sales initiatives and achieving desired targets.
- Mapping business potential and exploring untapped markets.

Professional Membership

International Society for Industrial Ecology (Membership no. 2163)

Certifications

Compute aided design and simulation

- AutoCAD 2D, Geometric dimensioning and tolerance (GD&T)
- SOLIDWORKS 3D CAD
- ANSYS (Mechanical APDL and Workbench)

Volunteer Experience /

Non-Academic

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| | 2020 |
| Degrowth conference, Vienna Online coordinator | |
| | 2019 |
| University alumni meet (REM department) Member of the organizing team | |
| | 2016 |
| Blood donation Camp (Corporate Responsibility) Member of the organizing team | |
| | 2012-2014 |
| Private Music instructor (Hindustani Classical) | |